Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 23 Nov 2023 until 23:59 on Friday 24 Nov 2023

Forecast Issued on Wednesday 22 Nov 2023 at 10:42

Confidence: High for rain at first, clearing to a cold, dry flow later Thursday which holds through Saturday, then for the return of a milder, occasionally wet westerly from Sunday.

Headline for Thursday 23 Nov 2023: Occasional rain for much of the day, heavy at times. Turning dry later as westerly summit gales ease and veer.

Mountain weather hazards on Thursday 23 Nov 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Light rain	Heavy Rain	Heavy Rain	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
70%	80%	80%	80%	90%	80%	10%	<05%

Forecast for Thursday 23 Nov 2023

Weather: Cloudy through much of the day with rain focused in the west and turning heavier at times between late morning and mid-afternoon. This passes south late afternoon to early evening, leaving a largely dry end to the day with clear spells.

Chance of cloud-free hill tops above 600m: 10-20% becoming 80% for the evening

Low Cloud and visibility: Moderate or poor in rain, very poor within cloud with bases above 450m extensive in west and broken in east, before lifting and breaking for the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 23 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/38 W	29/41 W	30/43 W	33/47 W	33/47 W	26/39 W	27/39 NW	22/34 NW	21/32 NW
300	20/39 W	18/36 W	21/42 W	21/42 W	20/41 W	17/36 W	17/36 NW	15/33 NW	14/31 NW
Valley	14/32 W	17/36 W	16/33 W	15/32 W	16/35 W	14/32 W	12/28 NW	11/27 NW	11/27 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	7/2	7/2	7/2	8/3	7/2	5/-1	3/-3	2/-4
300	10/6	9/6	9/5	9/5	10/6	9/6	7/3	5/1	4/-0
Valley	11/8	11/7	10/8	11/8	11/8	10/8	8/6	7/4	6/3
Freezing Level*	2400m	2300m	2300m	2200m	2100m	2000m	1100m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very difficult conditions for much of the day, particularly in the west either side of noon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 22 Nov 2023	6.8mm	7mm	19.4mm

Forecast for Friday 24 Nov 2023

Weather: Dry with sunshine becoming prolonged for the afternoon.

Maximum wind: Northwest initially mean 25 mph with gusts reaching 40 mph across most exposed ridges and summits, gradually easing through the day.

Chance of cloud-free hill tops above 600m: 90% plus

Low Cloud and visibility: Good or very good.

Temperature: **Valleys:** Plus 1 Celsius increasing 6 Celsius for the afternoon
At 600m: Zero lowering minus 3 Celsius later
Freezing level: 600m lowering 300m later

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